GLRI Lake Ontario Habitat Support

Project Location: This project covers the entire near-shore area of Lake Ontario in New York State.

Description of Problem: The Great Lakes have lost about 60 percent of their total original wetlands resources. The degradation of sensitive wetland resources within Lake Ontario has been exacerbated as a result of outflow regulation practices over the past 50 years.

Proposed Project: Through the utilization of previously developed Corps models (i.e. FEPS, IERM, Sediment Transport (516e), etc.), this project will enable the Corps to assist our stakeholders and partners in evaluating wetland and coastal impacts and to evaluate opportunities for ecosystem restoration and enhancement of coastal wetlands. This effort will include outreach and consultation with partners in order to optimize use of existing tools as well as to create new decision support tools targeted at any agency or entity involved with coastal restoration or development activities.

Partners and Collaboration: NYSDEC, NYDOS, NOAA, ERDC, TNC (Coastal Resiliency).

Project Benefits: This project will determine possible locations along Lake Ontario where potential restoration projects or other interventions should focus in order to improve and protect degraded wetlands and coastlines.

Project Status: The Coastal Wetland Decision Support Tool was completed in June 2019 and an NNBF decision support tool was released in September 2019. This project is closed out.

Estimated Project Costs	
Federal	$200,000
Non-Federal	$0
Total	$200,000

Project Milestones	
Consolidate modeling tools	April 2018 (A)
Wetland Decision Support Tool	May 2019
NNBF Opportunity Viewer Tool	Sep 2019

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